

ABSTRACT

Transmit power determination section 105
determines a transmit power value in a communication
between the own stations that will not interfere with
5 communications between other stations based on the
transmit power value in the communications between the
other stations, SIR measurement section 108 measures an
SIR of a known reference signal in the reception signal
and transmission rate determination section 109
10 determines a transmission rate value that will meet the
desired communication quality according to the
determined transmit power value and measured SIR value.

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